

Incorporation of Labelled Amino Acids and Adenine-8-C¹⁴
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Cerevisiae, by M. K. Veinova, N.M. Sisakyan, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 3, 1962
pp 731-734.

CB

Sci
Nov 63

The Possibility of Interconversion of Carotenes and Carotenols, by T. N. Godnev, R.M. Rotfarb, 2 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 3, 1962
pp 735-737.

CB

Sci
Nov 63

The Mechanism and Characteristics of Spontaneous Movements of Desmodium Gyrens Leaves, by E.G. Nazarov, 2pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 3, 1962
pp 738-741

CB

Sci
Nov 63

Cortical Representation of the Vagus Nerve and the
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RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXLVII, No 3, 1962
pp742-744

CB

Sci
"Nov 63

Conditions for the Orthogonality and Equivalence
of Gaussian Measures in Functional Space, by
V. G. Alekseyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 4, 1962, pp 751-754.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

OTS 63-18065 (7pp)

Aug 63

Growth of Harmonic Functions of Three Variables,
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RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 4, 1962, pp 755-757.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Determination of Minimal Colorings for Vertices
of a Graph by Means of Boolean Powers of the
Adjacency Matrix, by L. M. Vitaver, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 4, 1962, pp 758-759.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

On the Discrete Part of the Spectrum of the
Laplacian in Limit-Cylindrical Regions, by I. M.
Glazman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 4, 1962, pp 760-763.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

An Imbedding Theorem for Restrictions as Abstract
Functions, by A. H. Gudiev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 4, 1962, pp 764-767.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

On the Fundamental Solution for a Parabolic Equation,
by A. M. Il'in, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 4, 1962, pp 768-771.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Imbedding of Zero Dimensional Compacts in E^n , by
Ljudmila Keldys, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 4, 1962, pp 772-775.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

On the General Theory of Linear Filters, by
N. S. Landof, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 4, 1962, pp 776-778.

Amer Math Soc
Sov Math - Dok
Vol III, No 6
JTS 63-14414 (7pp)

Sci

Aug 63

Transformation of Arbitrary Canonical Calculi
Into Canonical Calculi of Special Types, by
S. Ju. Maslov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 4, 1962, pp 779-782.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

An Analogue of Herbrand's Theorem for the Constructive
Predicate Calculus, by G. E. Minc, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics Section),
Vol CXLVII, No 4, 1962, pp 783-786.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

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Aug 63

Contractions of Completely Regular Spaces, by
V. Proizvolov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 4, 1962, pp 787-788.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Test for Boundedness of Solutions of Linear
Partial Differential Equations With a Leading
Term, by M. A. Rutman, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 4, 1962, pp 789-792.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Infinitesimal Deformations of a Convex Surface With
Generalized Sliding at the Boundary, by I. H.
Sabitov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 4, 1962, pp 793-796.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Weak Isomorphism of Transformations With an
Invariant Measure, by Ja. G. Sinay, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 4, 1962, pp 797-800.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Some Estimates Near the Boundary of the Region of
a Polyharmonic Function and Its Derivatives Given
on an N-Dimensional Domain, by A. S. Foht, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 4, 1962, pp 801-804.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Degrees of Insolubility of the Word Problem in
Finitely Defined Groups, by A. A. Fridman, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics Section),
Vol CXLVII, No 4, 1962, pp 805-808.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

The Resonance Lines 304 a He II and 584 A He I in
the Solar Spectrum, by G. M. Nikol'skiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 4, 1962, pp 809-812.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 12

Sci

Aug 63

Lifetime of Nonequilibrium Carriers in Semiconductors
With Localized Levels, by Ye. I. Adirovich,
E. M. Kuznetsova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 4, 1962, pp 813-816.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 12

Sci

Aug 63

THE NEGATIVE CONCENTRATION EFFECT IN THERMAL
DIFFUSION OF GASES IN POROUS MEDIA, BY
B. N. GOSHCHITSKY, I. S. IZRAILEVICH, 6 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLVII,
NO 4, 1962, PP 817-818.

JPRS 18180

SCI - PHYS

APR 63

Amer. Inst. of Phys
Sov. Phys-Dok
Vol VII, No 12

225,808

Experimental Study of the Filtration of Rarefied
Air Through Porous Solids in the Knudsen and
Transition Pressure Ranges, by B. V. Deryagin,
M. V. Talayev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 4, 1962, pp 819-821.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 12

Sci
Aug 63

Some Features in the Electric Breakdown of
Electrolytes, by N. P. Mel'nikov, G. A. Ostroumov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 4, 1962, pp 822-826.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 12

Sci

Aug 63

The Probability of Phonon-Free Transition at the
Impurity Centers of Crystals, by E. D. Trifonov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 4, 1962, pp 826-828.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 12

Sci

Aug 63

DDC RSIC-156
(9692454)

Control of the Structure of Crystals Grown in a
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RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 4, 1962, pp 833-834.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 12

Sci

Aug 63

Investigation of the Thermodynamic Properties of Indium
Tellurides, by Ya. I. Gerasimov, A. S. Abbasov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 4, 1962, pp 835-838.

CB

Sci -
Oct 63

Electron Spin Resonance in Solutions of Some Free
Radicals of the Phosphonohydrazine Series, by
A. E. Arbuzov, F. G. Valitova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 4, 1962, pp 839-842.

CB

Sci -
Oct 63

Hammett Constant of the Ethylenimine Ring, by ~~V. F. Bystrov~~
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RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 4, 1962, pp 843-845.

CB

Sci -
Oct 63

The Orthorhombic Modification of Beryllium Fluoride, by
Yu. M. Korenev, Yu. P. Simanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 4, 1962, pp 846-848.

CB

Sci -
Oct 63

Ericordin and Deglucoericordin - New Cardiac Glycosides,
by I. F. Makarevich, M. Ya. Tropp, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 4, 1962, pp 849-852.

CB

Sci -
Oct 63

Investigation of the Alkenylation and Haloalkylation of
Benzene With Allyl Halides in the Presence of a Boron
Trifluoride Catalyst, by Ya. M. Paushkin, Ibragim Galal,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section,
Vol XLVII, No 4, 1962, pp 853-856.

CB

Sci -
Oct 63

Polymerization of Allylcyclohexane in the Presence of
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RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 4, 1962, pp 857-859.

CB

Sci -
Oct 63

The Formation of Hydrogen Cyanide During Adiabatic
Compression of Mixtures of Methane and Ammonia, by
D. S. Tsiklis, M. D. Borodina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 4, 1962, pp 860-862.

CB

OTS TT-64-10707

Sci -
Oct 63

The Radiochemical Stability of Certain Heterocyclic
Compounds, by V. A. Sharpaty, S. A. Safarov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 4, 1962, pp 863-1082.

CB

Sci -
Oct 63

TT-64-14272

Dremin, A. N.
CRITICAL DETONATION-DIAMETER OF LIQUID EX-
PLOSIVES (Kriticheskiy Dyametr Detonatsii Zhidkikh
Vzryvchatykh Veshchestv). [1963] 12p 13refs
Order from OTS, SLA, or ETC \$1.60 TT-64-14272

Trans. of Akademiya Nauk SSSR, Doklady [1962]
v. 147, no. 4, p. 870-873.

DESCRIPTORS: Detonations, Liquids, *Explosive
materials, *Detonation waves, Reaction kinetics,
Shock waves, Explosion effects, Analysis.

(Chemistry--Physical, TT, v. 11, no. 7)

I. Dremin, A. N.

Office of Technical Services

Nonuniform Hypogene Leaching of Quartz in the
Perruginous Quartzites of the Kursk Magnetic
Anomaly, by A. S. Yegorov, 3 pp.
RUSSIAN, per, Dokl Ak Nauk SSSR, Earth Science
Section, Vol CXLVII, No 4, Nov, Dec 1962, #
pp 920-923.

Amer Geol Inst

Sci
Aug 65

Modes of Migration of Rare and Dispersed
Elements in the Process of Carbon Forma-
tion, by I. P. Lomashov, 2 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth
Science Section, Vol ~~XX~~ CXLVII, No 4,
Nov, Dec 1962, pp 924-926.

Amer Geol Inst

Sci
Aug 65

Distribution of Minor Elements in a
Vertical Section of a Granite Massif, by
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RUSSIAN, per, Dok Ak Nauk SSSR, Earth
Science Section, Vol CXLVII, No 4, Nov,
Dec 1962, pp⁹²¹⁻⁹³⁰.

Amer Geol Inst

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Aug 65

Index Minerals and Elements in the Lower
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RUSSIAN, per, Dok Ak Nauk SSSR, Earth
Sciences Section, Vol CXLVII, No 4, nov
Dec 1962, pp 931-934.

Amer Geol Inst

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Aug 65

The Cytospectrophotometry of DNA During Direct Fission
of the Nucleus (Model Investigation of Fibroblasts in
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of Inflammation)., by V. Ya. Brodskii, N. G. Khrushchov
4pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 4, 1962
pp 939,942

CB

Sci
Nov 63

A Selective Sterile Modification Induced by Dimethylphosphate and Other Compounds, by I. A. Rapoport, 4pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 4, 1962,
pp 943-946

CB

Sci
Nov 63

The Effect of Dissolved Oxygen on the Development of Blue-Green Algae, by M. V. Gusev.
RUSSIAN, per. Doklady Akademii Nauk SSSR, Vol
147, No 4, 1962, pp 947-950.
NLL RTS 3151

Sci-B and M
Nov 67

345,274

The Influence of Dissolved Oxygen on the
Development of Blue-Green Algae, by M. V.
Gusev
RUSSIAN, par, Doklady Akademii Nauk SSSR, Vol
147, No 4, 1962, pp 947-950.
Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

C.B.

Sci-B&M
Oct 67

342,942

Free Radicals in Lipids of Rat Liver in Normal State and
at Different Times after Gamma-Irradiation, by I. K.
Kolomitseva, L.P. Kayushin 2pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 4, 1962
pp951-953

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IPPS 18213

Am. Inst. of Phys

Sov. Phys - Dok

Vol VII, No 12

S-136/63

Light-Induced ESR Signals in Crystalline
Chlorophyll and Its Infrared Spectra, by
V. Ye Kholmogorov, A. N. Sidorov, et al.
(SF-2519) *qpp*

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 4,
1962, pp 954-957

*JPRS**18213**also CB*

Sci - Biol
25 Feb 63

AIP
Sov Phys-Dok
Vol VII, No 12

The Distribution of Pyrimidines in Desoxyribunocleic
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RUSSIAN, per , Dok Ak Nauk SSSR, Vol. CXLVII, No 4, 1962
pp 958-961.

CB

Sci
Nov 63

Lycopene as the Probable Precursor of Other Carotinoids,
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RUSSIAN, per, Dok Ak Nauk SSSR, 1 Vol CXLVII, No4, 1962
pp 962-963.

CB

Sci
Nov 63

Deamidation of Brain Proteins, and the Change in Their
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RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 4, 1962
pp 964-966.

CB

Sci
Nov 63

A New Simple Method of Synchronizing Chlorella Cultures
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RUSSIAN, per Dok Ak Nauk SSSR, Vol CXLVII, No 4, 1962
pp967-969

CB

Sci
Nov 63

Structure of Growing Point and Features of Organogenesis
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RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 4, 1962
pp 970-973

CB

Sci
Nov 63

Some Features of the Structure of Axial Organs in Desert
and Semidesert Shrubs, by Sh. G. Dadasheva, 3pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 4, 1962
pp 974-976

CB

Sci
Nov 63

Modes of Regeneration of the Thyroid Gland, by A. A.
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RUSSIAN, per, dok Ak Nauk SSSR, Vol. CXLVII, No 4, 1962
pp 977-980

CB

Sci
Nov 63

Variations in the Impedance of Skeletal Muscle in Dogs
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RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 4, 1962
pp 981-984

CB

Sci
Nov 63

A Composite Investigation of the Electrophysiological,
Histochemical, and Cytomorphological Indices of
Excitation of the Neurons of the Brain, by A.B. Kogan,
4 pp.

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol CXLVII, No 4, 1962
pp 985-988.

CB

JPRS 17717

Sci
Nov 63

Phases of the Blastocyst and Trophoblastic Capsule in
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RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 4, 1962
pp 989-991

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Sci
Nov 63

Combination of Pencillins with Water-Soluble Polymers, by S. N. Ushakov, Ye. F. Panarin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 147, No 5, 1962, pp 1102-1104.

ATS RJ 5465

Sci-B&M

June 70

Open and Almost Open Mappings of Topological Spaces,
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RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 5, 1962, pp 999-1002.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Continuity of Spatial Quasiconformal Mappings
and Liouville's Theorem, by P. P. Belinskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 5, 1962, pp 1003-1004.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

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Aug 63

in erfc- or a Composite Gauss-Poisson Distribution,
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RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
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Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

A Test for the Existence of Wave Operators,
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RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics Section),
Vol CXLVII, No 5, 1962, pp 1008-1009.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Unicellularity of Real Volterra Operators, by
M. S. Brodskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 5, 1962, pp 1010-1012.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

A Solution to a Classical Problem of Oscillations,
by M. I. Elsin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section); Vol CXLVII, No 5, 1962, pp 1013-1016.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

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Aug 63

A Problem of S. L. Sobolev, by T. I. Zelenjak,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 5, 1962, pp 1017-1019.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

An Empirical Bayes Approach to the Estimation
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RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 5, 1962, pp 1020-1021.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Certain Algorithms for the Computation of Monotonic
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RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics Section),
Vol CXLVII, No 5, 1962, pp 1022-1025.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Continuation of an Operator and the Existence of
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RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 5, 1962, pp 1026-1028.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Two Versions of Classical Computation of Predicates
Without Structural Rules of Deduction, by
V. A. Matulis, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 5, 1962, pp 1029-1031.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

The Differentiability Predicate and the Differentiation Operator in Constructive Mathematical Analysis, by G. E. Minc, 3 pp.

RUSSIAN, per: Dok Ak Nauk SSSR, (Mathematics Section), Vol CXLVII, No 5, 1962, pp 1032-1034.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

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RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section, Vol CXLVII, No 5, 1962, pp 1035-1037.

Amer Math Soc
Soc Math - Dok
Vol III, No 6

Sci

Aug 63

Symmetries of Border Ornaments in a Space of $(n + 1)$
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RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics Section),
Vol CXLVII, No 5, 1962, pp 1038-1041.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

Decomposition of π -Solvable Groups Into a Direct
Product of Subgroups, by S. A. Cunihin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Mathematics
Section), Vol CXLVII, No 5, 1962, pp 1042-1044.

Amer Math Soc
Sov Math - Dok
Vol III, No 6

Sci

Aug 63

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Synthesis of Systems With a Rigid Structure Equivalent
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RUSSIAN, per, Doklady Akademii Nauk SSSR, X
Vol CXLVII, No 5, 1962, pp 1045-1047.

JPRS/NY-7456

Sci
Feb 63

Spectral Representation of Mass and Polarization
Operators at Arbitrary Temperatures, by
V. L. Bonch-Bruевич, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 5, 1962, pp 1049-1052.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 12

Sci
Aug 63

The Infrared Electroluminescence of Cuprous Oxide,
by A. G. Gol'dman, L. V. Toropkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 5, 1962, pp 1053-1056.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 12

Sci

Aug 63

Photomagnetic Effect Resulting From Illumination
of a (p-n)-Junction, by A. A. Grinberg, I. N.
Nikolayev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 5, 1962, pp 1057-1060.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 12

Sci

Aug 63

The Distribution of Radiant Intensity Measured With
a Wide-Angle Receiver, by A. A. Dmitriev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 5, 1962, pp 1061-1062.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 12

Sci

Aug 63

A Contribution of the Statistical Theory of
Homogenous Isotropic Turbulence in a Relativistic
Plasma, by Yu. L. Klimontovich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 5, 1962, pp 1063-1066.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 12

Sci

Aug 63

The Calculation of the Electrical Conductivity Tensor,
by N. M. Plakida, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 5, 1962, pp 1067-1070.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 12

Sci

Aug 63

The Stability of a Cylindrical Plasma Stream in a
Magnetic Field, by L. S. Solov'yev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section),
Vol CXLVII, No 5, 1962, pp 1071-1074.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 12

Sci
Aug 63

More on a Liquid in Process of Losing Its
Weightiness, by V. V. Shuleykin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXLVII, No 5,
1962, pp 1075-1078.

NASA TT F-8374

Sci
Apr 63
US GOV'T ONLY

229197

The Crystal Structure of Hydroboracite, $\text{CaMgB}_6\text{O}_{11} \cdot 6\text{H}_2\text{O} = \text{CaMg}[\text{B}_3\text{O}_4(\text{OH})_3]_2 \cdot 3\text{H}_2\text{O}$, by A. Ashirov, I. M. Rumanova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Physics Section), Vol CXLVII, No 5, 1962, pp 1079-1082.

Amer Inst of Phys
Sov Phys - Dok
Vol VII, No 12

Sci

Aug 63

The Tuberculostatic Properties of the Mixed Thiosemi-carbazone Guanyldrazone of 1, 3-Indanedione - a Representative of a New Class of Antituberculosis Agents, by V. Ya. Grinsteins, K. K. Medne, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section, Vol CXLVII, No 5, 1962, pp 1083-1085.

CB

Sci -
Oct 63

Complex Compounds of Indium in Its Lowest Valence State.
The Synthesis and a Study of the Properties of Amines of
Indium Monohalides, by A. P. Kochetkova, V. G. Tronev,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 5, 1962, pp 1086-1089.

CB

Sci
Oct 33

Thermal Rearrangement of Hydrazo Compounds in Various
Solvents, by V. O. Lukashevich, by L. G. Krolik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 5, 1962, pp 1090-1093.

CB

Sci -
Oct 63

The Electrical Conductivity and Its Activation Energy
for Chelate Compounds of Dithiocarbamates and Thioamides
of Pyridine Derivatives, by A. P. Terent'ev, E. G. Rukhadze
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 5, 1962, pp 1094-1097.

CB

Sci -
Oct 63

Polymerization of Allylcyclopentane in the Presence of
 TiCl_4 - $\text{Al}(\text{iso-C}_4\text{H}_9)_3$ Catalyst, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 5, 1962, pp 1098-1101.

CB

Sci -
Oct 63

Coupline of Penicillins With Water-Soluble Polymers,
by S. N. Ushakov, E. F. Panarin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 5, 1962, pp 1102-1104.

CB

Sci -
Oct 63

Zirconium Dioxide and Titanium Dioxide as Promoters
for Cobalt Catalyst in the Synthesis of Higher-
Hydrocarbons From Carbon Monoxide and Hydrogen, by
Ya. T. Eidus, T. F. Bulanova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Chemistry Section,
Vol CXLVII, No 5, 1962, pp 1105-1364.

CB

Sci -
Oct 63

Barachevskii, V. A., Kholmogorov, V. E. and others.
ADSORPTION SPECTRA AND ELECTRON PARAMAG-
NETIC RESONANCE SPECTRA OF POSITIVE IONS
OF ACENES, FORMED DURING VACUUM ADSORP-
TION. [1963] 5p.
Order from ATS \$7.50

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Trans. of Akad[emiya] Nauk SSSR, Dokl[ady] 1962,
v. 147, no. 5, p. 1108-1111.

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(Physics--Spectroscopy, TT, v. 10, no. 1)

63-17365

I. Barachevskii, V. A.
II. Kholmogorov, V. E.
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IV. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS RT-3950

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Calculation of Parameters of Detonation Waves
of Condensed Explosives, by V. N. Zubarev,
G. S. Telegin, 10 pp.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol. CXLVII,
No 5, 1962, pp 1122-1125. 9208774

(41P) DT 63-18309 TT-62-24114
AEC-Tr-5714
(LOAN) NLL Ref. 9022.66 1963 (2,236)

Sci - Nucl Sci

236,194

Jul 63

Distant Transmission of Detonation, by A. Ya. Apin,
A. N. Afanasenkov, et al, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXVII, No 5,
1962, pp 1141-1143.

CB

Sci

Oct 63

Theory of Fibrous Aerosol Filters, by N. A. Fuks,
I. B. Stechkina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXVII, No 5,
1962, pp 1144-1146.

CB

Sci

Oct 63

Metasomatic Zones in a Nephrite Deposit of East
Sayan, by Yu. N. Kolesnik, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Section, Vol CXLVII, No 5, Nov, Dec 1962, pp
1175-1178.

Amer Geol Inst

Sci
Aug 65

Upper Carboniferous Dolomites in the Kuybyshev
Area of the Volga, by M. I. Padeyev, 2 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences
Section, Vol CXLVII, No 5, Nov, Dec 1962
pp 1179-1181.

Amer Geol Inst

Sci
Aug 65

Distribution of Minor Elements in the
Alluvium of the Dnieper, Pripyat', Dsna
and Ika Rivers, by A. A. Lazarenko, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth
Science Section, Vol ~~XX~~CXLVII, No 5,
Nov, Dec 1962, pp 1182-1185.

Amer Geol Inst

Sci
Aug 65

Cyto-Histochemical Investigations of the Taste Bulbs of
Bony Fishes (Cyprinus Carpio and Carassius Carassius),
by R. A. Pevzner, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 5, 1962
pp 1187-1190

CB

Sci
Nov 63

On the Question of Axo-Dendritic Connections in the
Cerebral Cortex. An Electronmicroscopical Investigation
by T.V. Davydova, L. N. Dyachkova, 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 5, 1963
pp 1191-1192.

CB

Sci
Nov 63

Amino Acid Precursors as Mutagens, By I. A. Rapoport,
3 pp

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol CXLVII, No 5, 1962
pp 1193-1195

CB

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Nov 63